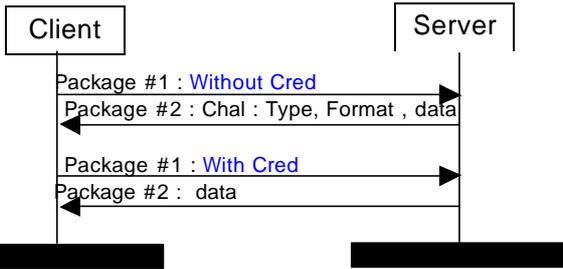


가 Cred element

3.1
3.1.1

1 Basic scheme



< 1 >
 Package #1 가 가 Cred
 가 . Package #1
 가

```

- <SyncML>
  <SyncHdr>.....</SyncHdr>
  <SyncBody>...</SyncBody>
</SyncML>
  
```

< 2 >
 가
 Package #2 Chal . Chal
 : syncml:auth -basic ; : b64 ' Chal

```

- <SyncML>
  <SyncHdr>.....</SyncHdr>
  <SyncBody>
  - <Status>
  - <Chal>
    - <Meta>
      <Type xmlns="syncml:metinf">syncml:auth-basic</Type>
      <Format xmlns="syncml:metinf">b64</Format>
    </Meta>
  </Chal>
  <Data>407</Data>
  <!-- Credentials missing -->
  </Status>
  ...
</SyncBody>
</SyncML>
  
```

```

- <SyncML>
  <SyncHdr>
  - <Cred>
    - <Meta>
      <Type xmlns="syncml:metinf">syncml:auth-basic</Type>
    </Meta>
    <Data>QnJ1Y2UyOk9oQmVoYXZl</Data>
    <!-- base64 formatting of "userid:password" -->
  </Cred>
  </SyncHdr>
  <SyncBody>...</SyncBody>
</SyncML>
  
```

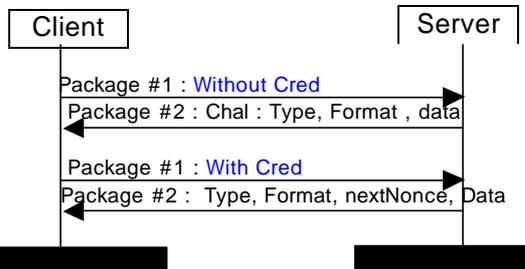
< 4 >
 "syncml:auth -basic " Cred
 Package #1

```

- <SyncML>
  <SyncHdr>.....</SyncHdr>
  <SyncBody>
  - <Status>
    .....
    <Data>212</Data>
    <!-- Authenticated for session -->
  </Status>
  ...
</SyncBody>
</SyncML>
  
```

< 5 >
 가 Cred 212
 status
 3.1.2 MD5

6 MD5 authentication



< 6 > MD5
 Package #1 가 가 Cred
 가 . Package #1

```

- <SyncML>
  <SyncHdr>.....</SyncHdr>
  <SyncBody>
  - <Status>
  - <Chal>
    - <Meta>
      <Type xmlns="syncml:metinf">syncml:auth-md5</Type>
      <Format xmlns="syncml:metinf">b64</Format>
      <NextNonce
        xmlns="syncml:metinf">Tm9uY2UyOk9oQmVoYXZl</NextNonce>
    </Meta>
  </Chal>
  <Data>407</Data>
  <!-- Credentials missing -->
  </Status>
  ...
</SyncBody>
</SyncML>
  
```

< 7 MD5 >

